

## Message Text

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62  
ORIGIN AEC-07

INFO OCT-01 EUR-12 ISO-00 OES-03 FEA-01 ACDA-05 CIAE-00

INR-07 IO-10 L-02 NSAE-00 NSC-05 RSC-01 EB-07 /061 R

66615  
DRAFTED BY USAEC:DRGL:JDLAFLEUR, JR.  
APPROVED BY OES/SCI/AE - JUSTIN BLOOM  
USAEC:RS:MPSB:KESANDERS  
USAEC:DIP:MMCDONOUGH  
USAEC:DIP: AFRIEDMAN  
EUR/RPE - MR. LAMB

----- 098993

R 082337Z JAN 75  
FM SECSTATE WASHDC  
TO USMISSION EC BRUSSELS  
INFO AMEMBASSY LONDON

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PASS TO JULIUS H. RUBIN, USAEC SCIREP

E.O. 11652:N/A  
TAGS: TECH, UK  
SUBJECT: AUTOMATION FOR SECURITY OF SPECIAL NUCLEAR MATERIALS

1. SUMMARY: CONFIRMING TELECON LAFLEUR-RUBIN, DEC.  
17, 1974, AEC REGULATION INTERESTED IN POSSIBLE  
ADVANTAGES IN PHYSICAL PROTECTION OF SPECIAL NUCLEAR MATERIAL  
(ESPECIALLY PLUTONIUM OR HIGHLY-ENRICHED URANIUM) THAT CAN BE  
GAINED FROM AUTOMATION OF REACTOR FUEL FABRICATION PROCESSES.  
WE UNDERSTAND THAT ONE OF THE MOST HIGHLY MECHANIZED  
PLUTONIUM FUEL MANUFACTURING PLANTS IN THE WORLD IS  
OPERATED BY BRITISH NUCLEAR FUELS, LTD., AT WINDSCALE. AEC  
WOULD APPRECIATE IF BRUSSELS OFFICE WOULD LOOK INTO  
THIS AND OBTAIN INFORMATION ON THIS AND ANY OTHER  
AUTOMATED PROCESSES IN EUROPE THAT MIGHT BE OF ADVANTAGE FOR

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THIS PURPOSE.

2. IT IS NOTED THAT AUTOMATION WOULD TEND TO REDUCE ACCESS OF PEOPLE TO MATERIAL AND MIGHT PROVIDE OTHER BENEFITS, SUCH AS MORE REAL TIME PROCESS MEASUREMENTS, THAT WOULD BE OF POTENTIAL VALUE FOR ACCOUNTABILITY OR THEFT DETECTION. DESPITE ECONOMIC AND OTHER INCENTIVES FOR FUEL MANUFACTURERS, AUTOMATION OF FUEL MANUFACTURING IN U.S. IS STILL PIECemeAL AND NONUNIFORM.

3. IN ADDITION TO AMEMBASSY LONDON, REGULATION CONTACT IN U.K. IS THOMAS RUTHERFORD, NUCLEAR INSTALLATIONS INSPECTORATE, DEPARTMENT OF ENERGY, THAMES HOUSE SOUTH, MILLBANK LONDON 01, PHONE 211-6881, EXTENSION 1534. WOULD APPRECIATE IF HE WERE KEPT INFORMED OR IF HELPFUL, CALLED ON TO ASSIST. MR. D.N.(NED) L. FRANKLIN, CHIEF EXECUTIVE, BRITISH NUCLEAR FUELS, LTD., RISLEY, WARRINGTON, LANCASHIRE WA 3-6AS, PHONE WARRINGTON 35953, HAS VISITED AEC SEVERAL TIMES AND OFFERED TO COOPERATE IN SUCH MATTERS IN THE PAST. HE MIGHT BE HELPFUL AND SHOULD ALSO BE INFORMED OF YOUR APPROACH TO BNFL.

4. ANY CONTRIBUTION THAT PLUTONIUM PROCESSING AUTOMATION WOULD MAKE TO SAFEGUARDS AND SECURITY OBJECTIVES MAY ALSO CONTRIBUTE TO HEALTH AND SAFETY OBJECTIVES AND WOULD BE OF DIRECT INTEREST TO THE GENERAL MANAGER'S SAFEGUARDS AND SECURITY AND OTHER DIVISIONS. THEREFORE, DIP WILL PROVIDE TO THE DIVISION OF SAFEGUARDS AND SECURITY, SIMULTANEOUSLY, ANY INFORMATION YOU PROVIDE DIP FOR TRANSMITTAL TO THE REGULATORY OFFICE REGARDING AUTOMATION BY THE BRITISH NUCLEAR FUELS LIMITED IN ITS OPERATION AT WINDSCALE OR BY ANY OTHER FOREIGN OPERATORS.

KISSINGER

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** SECURITY, NUCLEAR SAFETY, NUCLEAR POWER PLANTS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 08 JAN 1975  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** MorefiRH  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1975STATE004552  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** DRGL:JDLAFLEUR, JR.  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Film Number:** D750008-0630  
**From:** STATE  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1975/newtext/t19750168/aaaachrm.tel  
**Line Count:** 92  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Office:** ORIGIN AEC  
**Original Classification:** LIMITED OFFICIAL USE  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** LIMITED OFFICIAL USE  
**Previous Handling Restrictions:** n/a  
**Reference:** n/a  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** MorefiRH  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 10 APR 2003  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <10 APR 2003 by KelleyW0>; APPROVED <16 MAY 2003 by MorefiRH>  
**Review Markings:**

Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
05 JUL 2006

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** AUTOMATION FOR SECURITY OF SPECIAL NUCLEAR MATERIALS  
**TAGS:** TECH, UK  
**To:** EC BRUSSELS  
**Type:** TE  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006